

**Flood Control Project Maintenance
Levee Inspections**

Fall 2011 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

NA0004	Overall LMA Rating	Total LMA Miles				
Marysville Levee Commission	A	11.38				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
<i>Earthen Levee</i>						
Encroachments					0.02	1.92
Slope Stability	0.01		0.01	0.09%		
<i>LMA Totals:</i>	0.01	0.00	0.01	0.09%	0.02	1.92
Unit No. 01 Simmerly Slough LB	Overall Unit Rating	Total Unit Miles				
NA0004	A	3.25				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
<i>Earthen Levee</i>						
Slope Stability	0.01		0.01	0.31%		
<i>Unit Totals:</i>	0.01	0.00	0.01	0.31%	0.00	0.00
Unit No. 02 Feather River LB	Overall Unit Rating	Total Unit Miles				
NA0004	A	1.27				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
No Items						
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.00	0.00
Unit No. 03 Yuba River RB	Overall Unit Rating	Total Unit Miles				
NA0004	A	6.86				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
<i>Earthen Levee</i>						
Encroachments					0.02	1.92
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.02	1.92

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2011 Levee Inspection Results

Marysville Levee Commission

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			A	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2011 Levee Inspection Results

Marysville Levee Commission

Waterway			Bank	Unit Miles
Unit No. 01 Simmerly Slough			Left	3.25
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/8/2011 - 3/8/2011		10/7/2011 - 10/7/2011	
DWR Inspector	Clay Thomas		Clay Thomas	
Accompanied By	Frank Miller Marysville Levee District		Frank Miller Marysville Levee District	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Marysville Levee Commission

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Simmerly Slough							Left	3.25	10/07/2011 10/07/2011	Clay Thomas
LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.01	3.16	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	39.149907 ° -121.600980 °	39.164125 ° -121.560962 °	128
2	0.02	3.16	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	39.149922 ° -121.600960 °	39.164133 ° -121.560960 °	129
3	2.55	2.55	Earthen Levee	Crown Surface / Depressions / Rutting	CR	W	Inspector Comments: construction work on levee. No access from levee mile 1.21-2.55.	39.165007 ° -121.571365 °	39.165007 ° -121.571365 °	130 Y
4	3.21	3.21	Earthen Levee	Slope Stability	LS	M	Repair slope instability. Inspector Comments: This drain pipe has been added to the site on the Corps PI.	39.163590 ° -121.559495 °	39.163590 ° -121.559495 °	1 Y
5	3.21	3.21	Earthen Levee	Vegetation	CR	C	Remove the wild growth other than native grasses from the levee slopes.	39.163590 ° -121.559495 °	39.163590 ° -121.559495 °	2

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing N : Not Inspected, see Inspector Comment C : Corrected
M : Minimally Acceptable CO : Completely Obstructing
U : Unacceptable W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Simmerly Slough	Left	3.25	10/07/2011 10/07/2011	Clay Thomas

Levee Mile Report Line	3
Start Levee Mile	2.55
End Levee Mile	2.55
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting

This photo was taken near levee mile 2.55, looking downstream.

cathom_f_20111020_954.jpg



Levee Mile Report Line	3
Start Levee Mile	2.55
End Levee Mile	2.55
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting

This photo was taken near levee mile 2.55, looking upstream.

cathom_f_20111020_955.jpg



Levee Mile Report Line	4
Start Levee Mile	3.21
End Levee Mile	3.21
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

This site is on the Corps PI.

cathom_f_20110929_386.jpg



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor	N : Not Inspected, see Inspector Comment C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2011 Levee Inspection Results

Marysville Levee Commission

Waterway			Bank	Unit Miles
Unit No. 02 Feather River			Left	1.27
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/8/2011 - 3/8/2011		10/7/2011 - 10/7/2011	
DWR Inspector	Clay Thomas		Clay Thomas	
Accompanied By	Frank Miller		Frank Miller	

Check one:

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(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

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Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Marysville Levee Commission

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Feather River						Left	1.27	10/07/2011 10/07/2011	Clay Thomas

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.02	1.25	Earthen Levee	Vegetation	LS	A	Remove the wild growth other than native grasses from the levee slopes.	39.149350 ° -121.601125 °	39.134858 ° -121.594203 °	48 Y
2	0.02	1.24	Earthen Levee	Vegetation	WS	A	Remove the wild growth other than native grasses from the levee slopes.	39.149348 ° -121.601130 °	39.134838 ° -121.594195 °	49 Y

*** Location**

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Levee Inspection Report By Mile - Fall 2011

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Feather River	Left	1.27	10/07/2011 10/07/2011	Clay Thomas

Levee Mile Report Line	1
Start Levee Mile	0.02
End Levee Mile	1.25
Location	Land Side
Category	Earthen Levee
Item	Vegetation

This photo shows the landside vegetation at levee mile 0.08.

cathom_f_20111020_956.jpg



Levee Mile Report Line	2
Start Levee Mile	0.02
End Levee Mile	1.24
Location	Water Side
Category	Earthen Levee
Item	Vegetation

This photo shows the waterside vegetation at levee mile 0.08.

cathom_f_20111020_957.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

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**Flood Control Project Maintenance
Levee Inspections
Unit Cover Sheet
Fall 2011 Levee Inspection Results
Marysville Levee Commission**

Waterway			Bank	Unit Miles
Unit No. 03 Yuba River			Right	6.86
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/8/2011 - 3/8/2011		10/7/2011 - 10/7/2011	
DWR Inspector	Clay Thomas		Clay Thomas	
Accompanied By	Frank Miller Marysville Levee District		Frank Miller Marysville Levee District	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Marysville Levee Commission

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River							Right	6.86	10/07/2011 10/07/2011	Clay Thomas
LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.00	4.88	Earthen Levee	Vegetation	LS	A	Remove the wild growth other than native grasses from the levee slopes.	39.135137 ° -121.591605 °	39.185760 ° -121.539360 °	210 Y
2	0.00	4.88	Earthen Levee	Vegetation	WS	A	Remove the wild growth other than native grasses from the levee slopes.	39.135147 ° -121.591598 °	39.185760 ° -121.539360 °	211 Y
3	0.35	0.35	Earthen Levee	Encroachments	LS	PO	Landscaping	39.135145 ° -121.587730 °	39.135145 ° -121.587730 °	3
4	0.86	0.86	Earthen Levee	Encroachments	LS	CO	Buildings	39.139843 ° -121.583033 °	39.139843 ° -121.583033 °	4 Y
5	2.17	2.17	Earthen Levee	Slope Stability	WS	C	Repair the levee slope damaged by vehicle traffic and prevent access where possible. Inspector Comments: Vehicle damage on the shoulder and slope.	39.154105 ° -121.570107 °	39.154105 ° -121.570107 °	7
6	3.14	3.14	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: This site is on the Corps PI.	39.165506 ° -121.558277 °	39.165506 ° -121.558277 °	9
7	3.37	3.37	Earthen Levee	Trim / Thin Trees	WS	C	Trim trees over roadway to at least 12 feet above ground level. Inspector Comments: This site is on the Corps PI.	39.168460 ° -121.556296 °	39.168460 ° -121.556296 °	11
8	4.37	4.37	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: This site is on the Corps PI.	39.179735 ° -121.544746 °	39.179735 ° -121.544746 °	12
9	4.39	4.39	Earthen Levee	Trim / Thin Trees	WS	C	Trim and thin trees to allow visibility of the ground and room to flood fight.	39.179980 ° -121.544547 °	39.179980 ° -121.544547 °	13
10	4.88	6.79	Earthen Levee	Encroachments	CR	CO	Fences Inspector Comments: Levee miles 4.88-6.79 not inspected due to limited access from livestock fencing.	° °	° °	1
11	5.54	5.54	Earthen Levee	Encroachments	CR	PO	Ramp Inspector Comments: This is on the patrol road.	39.190993 ° -121.530650 °	39.190993 ° -121.530650 °	10 Y

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.86	10/07/2011 10/07/2011	Clay Thomas

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	4.88
Location	Land Side
Category	Earthen Levee
Item	Vegetation

This photo shows the landside vegetation looking upstream from levee mile 0.27.

cathom_f_20111019_951.jpg



Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	4.88
Location	Water Side
Category	Earthen Levee
Item	Vegetation

This photo shows the waterside vegetation looking upstream from levee mile 0.27.

cathom_f_20111019_952.jpg



Levee Mile Report Line	4
Start Levee Mile	0.86
End Levee Mile	0.86
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Building encroaching at land side levee toe.

cathom_f_20110929_669.jpg



*** Location**

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WS : Water Side
CR : Crown

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U : Unacceptable

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CO : Completely Obstructing
W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.86	10/07/2011 10/07/2011	Clay Thomas

Levee Mile Report Line	11
Start Levee Mile	5.54
End Levee Mile	5.54
Location	Crown
Category	Earthen Levee
Item	Encroachments

This ramp is on the patrol road, no known permit.

cathom_f_20110929_674.jpg



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CR : Crown

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